IN THE CLAIMS

Please amend claims 1, 2, 3, 4, 5, 6, 22, 31, 39, 40, 41, 42, 43 and 48 as follows:

1. (Currently Amended)   A method for receiving data via multiple channel~~over a~~ broadcast ~~medium~~media, comprising ~~the steps of~~:

receiving a request for a desired data object, said desired data object being associated with a first-level name;

obtaining any~~a plurality of~~ second-level names associated with said first-level name, said ~~plurality of~~ second-level names being associated with respective~~a plurality of~~ low-level data objects constituting at least a portion of said desired data object; and

obtaining location information associated with said second-level names via a first channel, said location information identifying at least two of said multiple channels as propagating data associated with low-level data objects.

~~for each one of said plurality of second-level names, performing the steps of:~~

~~obtaining location information associated with said second-level name;~~

~~and obtaining data associated with the low-level data object~~

~~associated with said~~

~~each one of said plurality of second-level names responsive to said location~~

~~information.~~

2. (Currently Amended)   The method of claim 1, wherein said desired data object is a web page comprising a plurality of low-level data objects adapted for display in a preferred presentation order defined by priority rankings included within said location information.

3. (Currently Amended)   The method of claim ~~2~~1, wherein ~~said web page~~ ~~comprises a multi-screen web~~data associated with respective low-level data objects

is received via at least two channels of said multiple channel broadcast medium.

4. (Currently Amended)   The method of claim 1, wherein ~~said desired data object is a word processing file~~data associated with respective low-level data objects is broadcast according to a protocol.~~indicated in said location information~~.

5. (Currently Amended)   The method of claim 1, wherein ~~said broadcast medium includes a cable~~data associated with respective low-level data objects is broadcast according to a protocol indicated in said location information.

6. (Currently Amended)   The method of claim ~~5~~1, wherein ~~said cable is fiber optic cable~~said location information indicates for each low-level data object a location parameter, a size parameter and a bandwidth parameter.

7. (Currently Amended)   The method of claim 1, wherein said broadcast ~~medium allows for wireless communication~~media comprises at least one of a cable transmission medium, an optical transmission medium, a satellite transmission medium and a radio frequency (RF) transmission medium.

8. (Original)   The method of claim 1 wherein said broadcast medium is a portion of a computer network.

9. (Original)   The method of claim 1 wherein said first-level name is a uniform resource locator (URL).

10. (Original) The method of claim 1 wherein said first-level name is a web page title.

11. (Original) The method of claim 1 wherein said first-level name is a text string.

12. (Original) The method of claim 11 wherein said text string is associated with an

icon.

13. (Original) The method of claim 1 wherein said second-level name takes a minimal amount of storage space.

14. (Original) The method of claim I wherein said second-level name is an integer.

15. (Original) The method of claim 1 wherein said second-level name is an index into a table.

16. (Original) The method of claim 1 wherein said location information is accessed through a memory containing a data structure.

17. (Original) The method of claim 1 wherein said location information is sufficient to locate said data in a data stream.

18. (Original) The method of claim 17 wherein said location information comprises an MPEG table.

19. (Original) The method of claim 1, including the further step of combining said plurality of low-level data objects.

20. (Original) The method of claim 19 wherein the step of combining results in a portion of said desired data object.

21. (Original) The method of claim 20, including the further step of presenting said desired data object.

22. (Currently Amended)   A method for receiving data ~~over~~via multiple channel broadcast media, comprising the steps of:

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receiving a request for a desired data object, said desired data object being associated with a first-level name;

obtaining any second-level names associated with said first-level name, said second-level names being associated with respective low-level data objects constituting at least a portion of said desired data object; and

obtaining location information associated with said second-level names via a first channel, said location information identifying at least an order of presentation of said low-level data objects during a presentation of said desired data object.

~~looking up said first-level name in a First-level Name Table;~~

~~obtaining a plurality of second-level names associated with said first-level name responsive to the step of looking, and~~

~~for each one of said plurality of second-level names so obtained, performing the steps of:~~

~~looking up each said second-level name in a Low-level Data Object Locator Table,~~

~~obtaining location information associated with said each said second-level name,~~

~~obtaining data responsive to said location information.~~

23. (Original) The method of claim 22 wherein said desired data object is a web page.

24. (Original) The method of claim 22 wherein said broadcast medium includes a cable.

25. (Original) The method of claim 22 wherein said first-level name is a web page title.

26. (Original) The method of claim 22 wherein said location information is accessed through a memory containing a data structure.

27. (Original) The method of claim 22 wherein said location information is sufficient to locate said data in a data stream.

28. (Original) The method of claim 22 including the further step of combining said plurality of low-level data objects.

29. The method of claim 28 wherein the step of combining results in a portion of said desired data object.

30. (Original) The method of claim 22, including the further step of presenting said desired data object.

31. (Currently Amended)   A method for organizing data for transmission ~~in a data stream over~~via broadcast media, comprising ~~the steps of~~:

    associating a first-level name with said data;

    organizing said data into a plurality of data objects; and

    <u>associating each of said plurality of data objects with a second-level name, a location associated with said second level name, and a broadcast channel assignment, wherein at least two channels of said multiple channel broadcast media are assigned for use in broadcasting said data objects.</u>

    ~~for each one of said plurality of data objects, performing the steps of:~~

        ~~associating a second-level name with said each one of said plurality of data objects;~~

        ~~associating a data location with said second-level name; and~~

        ~~assigning said data object to be broadcast in said data location.~~

32. (Currently Amended)   The method of claim 31, including the further step of broadcasting said each one of said plurality of data objects ~~in~~forming said data ~~location~~.

33. (Original) The method of claim 32, wherein said each one of said plurality of data objects is broadcast as an MPEG section.

34. (Original) The method of claim 32, wherein said each one of said plurality of data objects is formatted for transmission as an MPEG section.

35. (Original) The method of claim 31, wherein said data object is formatted for transmission as an UDP packet.

36. (Canceled)

37. (Canceled)

38. (Canceled)

39. (Currently Amended)   An apparatus having at least one processor and at least one memory coupled to said at least one processor for receiving data over a multiple channel broadcast medium, said apparatus includes:

    a first mechanism configured to receive a request for a desired data object, said desired data object being associated with a first-level name;

    a second mechanism configured to obtain a plurality of any second level names associated with said first-level name, said plurality of second-level names being associated with a plurality of respective low-level data objects constituting at least a portion of said desired data objects; and

    a third mechanism location information associated with said second-level names via a first channel, said location information identifying at least two of said multiple channels as propagating data associated with low-level data objects. configured to obtain location information responsive to each on of said plurality of second-level names; and

a fourth mechanism configured to obtain data associated with the data object associated with said each one of said plurality of second-level names responsive to said location information.

40. (Currently Amended)   The apparatus of claim 39 wherein said desired data object is a web page comprising a plurality of low-level data objects adapted for display in a preferred presentation order defined by priority rankings included within said location information.

41.   (Currently Amended) The apparatus of claim 39, wherein said broadcast medium includes a cabledata associated with respective low-level data objects is received via at least two channels of said multiple channel broadcast medium.

42. (Currently Amended)   The apparatus of claim 39, wherein said first-level name is a web page titledata associated with respective low-level data objects is broadcast a number of times as indicted in said location information.

43. (Currently Amended)   The apparatus of claim 39, wherein said location information is accessed through a memory containing a data structuredata associated with respective low-level data objects is broadcast according to a protocol indicated in said location information.

44. (Original) The apparatus of claim 39 wherein said location information is sufficient to locate said data in a data stream.

45. (Original) The apparatus of claim 39, further including a combine mechanism configured to combine said plurality of low-level data objects.

46. (Original) The apparatus of claim 45 wherein said combine mechanism is configured so that the result is a portion of said desired data object.

47. (Original) The apparatus of claim 39, further including a presentation mechanism configured to present said desired data object.

48. (Currently Amended)   An apparatus having at least one processor and at least one memory coupled to said at least one processor for receiving data over <u>a multiple channel</u> broadcast media, said apparatus includes:

a reception mechanism configured to receive a request for a desired data object, said desired data object being associated with a first-level name;

a lookup mechanism configured to look up said first-level name ~~in a First-level Name Table~~;

<u>a first obtain mechanism configured to obtain any second-level names associated with said first-level name, said second-level names being associated with respective low-level data objects constituting at least a portion of said desired data object; and</u>

<u>a second obtain mechanism configured to obtain location information associated with said second-level names via a first channel, said location information identifying at least an order of presentation of said low-level data objects during a presentation of said desired data object.</u>

~~an obtain mechanism configured to obtain a plurality of second-level names associated with said first-level name responsive to said lookup mechanism;~~

~~a second lookup mechanism configured to lookup each of said plurality of second-level names;~~

~~a second obtain mechanism configured to obtain location information associated with said each said second-level name;~~

~~a third obtain mechanism configured to obtain data responsive to said location information.~~

49. (Canceled)

50. (Currently Amended)   A computer program product including:

a computer usable storage medium having computer readable code embodied therein for causing a computer to receive data over a broadcast medium, said computer readable code includes:

computer readable program code configured to cause said computer to effect ~~a first mechanism configured to receive a request for a desired data object, said desired data object being associated with a first-level name~~ a reception mechanism configured to receive a request for a desired data object, said desired data object being associated with a first-level name;

computer readable program code configured to cause said computer to effect a first obtain mechanism configured to obtain any second-level names associated with said first-level name, said second-level names being associated with respective low-level data objects constituting at least a portion of said desired data object; and

computer readable program code configured to cause said computer to effect a second obtain mechanism configured to obtain location information associated with said second-level names via a first channel, said location information identifying at least an order of presentation of said low-level data objects during a presentation of said desired data object.

~~computer readable program code configured to cause said computer to effect a second mechanism configured to obtain a plurality of second level names associated with said first-level name, said plurality of second-level names being associated with a plurality of low-level data objects constituting a portion of said desired data objects;~~

~~computer readable program code configured to cause said computer to effect a third mechanism configured to obtain location information responsive to each on of said plurality of second-level names; and~~

~~computer readable program code configured to cause said computer to effect a fourth mechanism configured to obtain data associated with the data object associated with said each one of said plurality of second-level names responsive to said location information.~~

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51. (Canceled)

52. (Canceled)

53. (Canceled)

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